

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

PROCESS FOR SILVER PLATING IN PRINTED CIRCUIT BOARD MANUFACTURE

the specification of which

(check one) ☐ is attached hereto

☒ was filed on December 8, 1995, as Application Ser. No. 08/567,886.

☐ was filed as a PCT international application No. _____, on _____ and was amended under PCT Article 19 on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT Application(s) and any priority claims under 35 U.S.C. §119:			Priority Claimed	
<u>9425030.5</u>	<u>United Kingdom</u>	<u>December 9, 1994</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country if PCT so indicate)	(DD/MM/YY Filed)	YES	NO
<u> </u>	<u> </u>	<u> </u>	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(DD/MM/YY Filed)	YES	NO
<u> </u>	<u> </u>	<u> </u>	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(DD/MM/YY Filed)	YES	NO

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

 (Application Number) (filing date)

 (Application Number) (filing date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

 (Application Serial No.) (filing date) (status-patented, pending, abandoned)

 (Application Serial No.) (filing date) (status-patented, pending, abandoned)

PCT Applications designating the United States:

(PCT Appl. No.)	(U.S. Ser. No.)	(PCT filing date)	(status-patented,pending,abandoned)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

David Wolf	17,528	Philip G. Koenig	30,186	Timothy J. Oyer	36,628
George L. Greenfield	17,756	Anthony J. Mirabito	28,161	Kristofer E. Elbing	34,590
Stanley Sacks	19,900	Jason M. Honeyman	31,624	John N. Anastasi	37,765
David M. Driscoll	25,075	William A. Loginov	34,863	Brett N. Dorny	35,860
Edward F. Perlman	28,105	James H. Morris	34,681	David L. Cavanaugh	36,476
Lawrence M. Green	29,384	Anthony J. Janiuk	29,809	Helen C. Kindregan	39,248
Steven J. Henry	27,900	Peter C. Lando	34,654	James M. Hanifin, Jr.	39,213
Therese A. Hendricks	30,389	Gary S. Engelson	35,128	David E. Huang	39,229
Edward R. Gates	31,616	Peter J. Gordon	35,164	Thomas M. Sullivan	39,392
William R. McClellan	29,409	Randy J. Pritzker	35,986	Christopher S. Schultz	37,919
Ronald J. Kransdorf	20,004	Richard F. Giunta	36,149	Paul D. Sorkin	39,039
M. Lawrence Oliverio	30,915	Douglas R. Wolf	36,971	Douglas C. Doskocil	P-39,660
James J. Foster	30,052	Helen A. Greer	36,816	John R. Van Amsterdam	P-40,212
Charles E. Pfund	17,030	Elizabeth R. Plumer	36,637		

Address all telephone calls to A. Jason Mirabito at telephone no. (617) 720-3500. Address all correspondence to

A. Jason Mirabito
c/o Wolf, Greenfield & Sacks, P.C.,
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210-2211

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Andrew Soutar

04/03/96

Inventor's signature
Full name of sole or first inventor Andrew McIntosh Soutar
Citizenship Britain
Residence London, England
Post Office Address 6 Leslie Road, London N2 8BN, England

Date

Inventor's signature
Full name of second or joint inventor Peter Thomas McGrath
Citizenship Britain
Residence Mission Viejo, California
Post Office Address 26693 Sotelo, Mission Viejo, CA 92692

Date

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Inventor's signature
Full name of sole or first inventor Andrew McIntosh Soutar
Citizenship Britain
Residence London, England
Post Office Address 6 Leslie Road, London N2 8BN, England

Date

Inventor's signature
Full name of second or joint inventor Peter Thomas McGrath
Citizenship Britain
Residence Mission Viejo, California
Post Office Address 26693 Sotelo, Mission Viejo, CA 92692

Date

4th March 1996



ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, hereby

Sell, assign and transfer to Alpha Metals, Inc., a Delaware corporation, having a place of business at 600 Route 440, Jersey City, New Jersey 07304, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled PROCESS FOR SILVER PLATING IN PRINTED CIRCUIT BOARD MANUFACTURE, filed with the U.S. Patent and Trademark Office on September 17, 1997, and assigned Serial No. 08/932,392, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts as known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein express is possessed by me.

Date: _____

Peter T. McGrath

State of _____

County of _____

Subscribed and sworn to before me this ____ day of _____, 1999.

SEAL

Notary Public

My commission expires _____.

Date: 23 March 1999

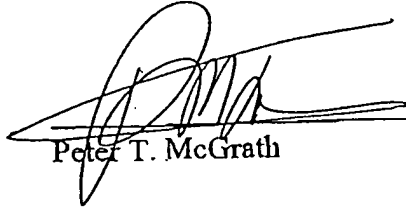
Andre Soutar
Andrew McIntosh Soutar

AD-ATKAR SAMAT
Witness

March 23 HSIUNG HAHN JONG
Witness

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein express is possessed by me.

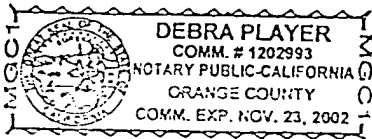
Date: 3/26/99


Peter T. McGrath

State of CALIFORNIA
County of ORANGE

Subscribed and sworn to before me this 26 day of MARCH, 1999.

SEAL




Notary Public
My commission expires NOV 23, 2002